

REMARKS

In view of the above amendments and the following remarks, reconsideration of the rejections contained in the Office Action of July 24, 2008 is respectfully requested.

By this Amendment, claim 1 has been amended, and claims 4-7 have been cancelled. Thus, claim 1 is currently pending in the application. No new matter has been added by these amendments.

On pages 2-3 of the Office Action, the Examiner rejected claims 1, 4, 6 and 7 under 35 U.S.C. § 102(e) as being anticipated by Zukawa et al. (US 2004/0145314). Further, on page 4 of the Office Action, the Examiner rejected claim 5 under 35 U.S.C. § 103(a) as being unpatentable over Zukawa. For the reasons discussed below, it is respectfully submitted that the amended claims are clearly patentable over the prior art of record.

Amended independent claim 1 recites a plasma display panel comprising a front panel including a display electrode, a dielectric layer and a protective layer sequentially formed on a first glass substrate, and a back panel confronting the front panel and including an address electrode, a base dielectric layer, a barrier rib and a phosphor layer sequentially formed on a second glass substrate. Claim 1 also recites that the front panel and the back panel are disposed so as to confront each other and being sealed at outer walls of the front panel and the back panel with a sealing member so as to form an inner space between the protective layer of the front panel and the phosphor layer, barrier rib and base dielectric layer of the back panel. Claim 1 also *first and second catalysts* provided on at least one of the base dielectric layer, the barrier rib and the phosphor layer so as to be exposed to the inner space and react with a hydrocarbon existing in the inner space.

Further, claim 1 recites that *the first catalyst is at least one of a catalyst which accelerates oxidization of a hydrocarbon and is selected from the group consisting of Pd, Pt, Rh, Co₃O₄, PdO, Cr₂O₃, Mn₂O₃, Ag₂O, CuO, MnO₂, CoO, and NiO*. In addition, claim 1 recites that *the second catalyst accelerates decomposition of a hydrocarbon and is selected from the group consisting of Co, Mn, Zn, Ti and Ni*.

Zukawa discloses a plasma display panel (PDP) in which a photocatalyst 200 is interposed between a dielectric layer 113 and each of the phosphor layers 115r, 115g and 115b, as shown in Fig. 4. However, Zukawa does not disclose *first and second catalysts* provided on at

least one of the base dielectric layer, the barrier rib and the phosphor layer so as to be exposed to the inner space and react with a hydrocarbon existing in the inner space, wherein *the first catalyst is at least one of a catalyst which accelerates oxidization of a hydrocarbon and is selected from the group consisting of Pd, Pt, Rh, Co₃O₄, PdO, Cr₂O₃, Mn₂O₃, Ag₂O, CuO, MnO₂, CoO, and NiO, and wherein the second catalyst accelerates decomposition of a hydrocarbon and is selected from the group consisting of Co, Mn, Zn, Ti and Ni, as required by independent claim 1.*

Rather, Zukawa only discloses a single photocatalyst, and the materials disclosed by Zukawa as being useable for the photocatalyst are not any of Pd, Pt, Rh, Co₃O₄, PdO, Cr₂O₃, Mn₂O₃, Ag₂O, CuO, MnO₂, CoO, and NiO, and are not any of Co, Mn, Zn, Ti and Ni. Accordingly, Zukawa does not disclose a first catalyst being at least one of a catalyst which accelerates oxidization of a hydrocarbon and is selected from the group consisting of Pd, Pt, Rh, Co₃O₄, PdO, Cr₂O₃, Mn₂O₃, Ag₂O, CuO, MnO₂, CoO, and NiO, and does not disclose a second catalyst which accelerates decomposition of a hydrocarbon and is selected from the group consisting of Co, Mn, Zn, Ti and Ni, as required by independent claim 1.

Therefore, it is respectfully submitted that independent claim 1 is clearly allowable over the prior art of record.

In view of the foregoing amendments and remarks, it is respectfully submitted that the present application is clearly in condition for allowance. An early notice to that effect is respectfully solicited.

If, after reviewing this Amendment, the Examiner feels there are any issues remaining which must be resolved before the application can be passed to issue, the Examiner is respectfully requested to contact the undersigned by telephone in order to resolve such issues.

Respectfully submitted,

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